

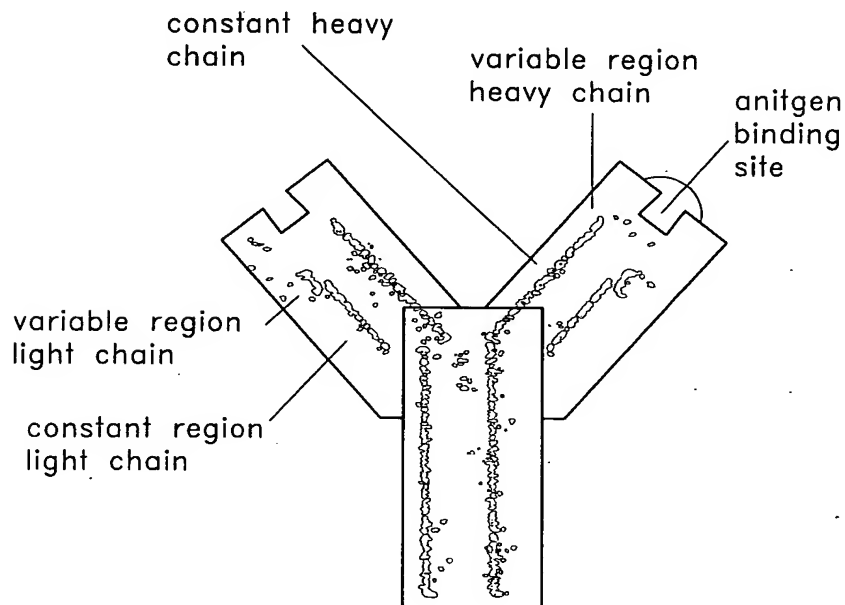
PREVENTION AND TREATMENT OF ALLERGIES BY HELMINTHIC  
REGULATION OF IGE

David Follansbee

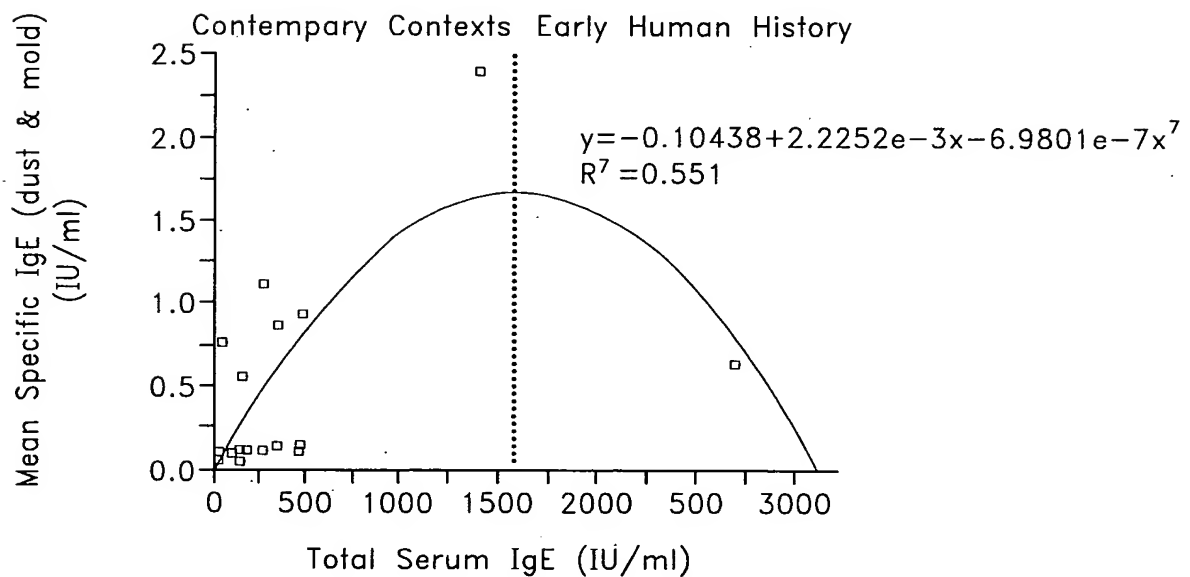
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**FIG. 1**



**FIG. 2**

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Table I. Cutaneous Reactions and Humoral Antibody Levels in the Study Group

Patient	Cutaneous Reactions, mm <sup>2</sup>				Total IgE	humored Antibody, units/ml						
	Immediate*		Intermediate			Delayed	Specific IgE		Specific IgG,A,M			
	H. dust Moulds	H. dust Moulds	H. dust Moulds	H. dust Moulds			H. dust Moulds	H. dust Moulds	H. dust Moulds	H. dust Moulds		
PT	79	0	39	0	0	485	1.4	0.46	40.25	770	170	480
PV	95	13	0	28	0	2700	0.25	1.05	67.5	720	304	540
MA	39	0	0	0	0	1400	4.1	0.7	117.0	1620	293	2340
JE	39	0	0	0	0	60	0.095	0	64.0	1220	232	1360
AV	95	20	0	50	0	460	0.11	0.1	40.5	1190	171	836
DC	177	0	0	0	0	360	1.6	0.15	32.0	446	192	844
ZC	95	13	0	0	0	165	1.05	0.05	62.5	1270	323	3230
JH	113	0	0	0	0	465	0.15	0.14	38.0	540	163	930
MH	50	20	0	13	314	285	2.1	0.13	32.0	510	230	690
CO	79	20	0	0	491	190	0.11	0.11	23.75	510	226	790
CP	20	39	0	64	0	55	0.095	0.03	37.5	940	144	1350
CS	20	0	0	95	20	115	0.1	0.06	40.25	750	156	1430
NL	227	39	154	227	0	65	1.5	0.03	39.0	1060	210	1180
HW	0	0	0	0	0	20	0.09	---	34.25	510	292	566
	79	90	79	79	594	55	0.11	0.102	122.5	1840	327	1620
GO		0	0	0	0	285	0.111	0.14	58.5	1580	230	1460
LP	79	50	0	0	531	350	0.1	0.17	59.0	740	200	960
MD	0	0	0	0	0	10	0.08	0	80.0	990	190	990
CU	39	13	0	50	227	105	0.09	0	82.5	1330	245	1630
IH	39	0	0	0	177	30	0.095	0	25.0	1240	185	2787
RN	13	0	0	0	0	275	0.11	0.104	53.0	830	227	1310
MM	0	0	0	0	0	80	0.095	0.04	50.0	960	225	1140
EN	0	0	0	0	0	20	0.095	0	50.4	970	168	850
BC	39	39	0	79	79	70	0.095	0.04	51.0	200	262	1250
GD	0	0	0	0	0	120	0.1	0.1	39.0	214	219	1420
HC	95	20	0	0	227	160	0.104	0.122	21.25	324	151	460
JH	154	28	0	0	0	155	0.125	0.105	73.5	720	198	1300

\*Wheel area.

FIG. 3

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Table I. Immediate hypersensitivity skin test and RAST positivity in Amazon Indians

	Insects		Dermatophagoides		Moulds		House dust		Epithelia	
	n	% positive	n	% positive	n	% positive	n	% positive	n	% positive
Skin test (n=193)	7	3.6	6	3.1	3	1.5	2	1.0	1	0.5
RAST (n=49)	13	36.7	NT		5	10.2	NT		NT	
NT—Not tested.										

FIG. 4

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Table II. Helminthic infection detected in serially collected feces samples of 114 Amazon Indians

Avaris lumbricoides		Trichuris trichuria		Necator americanus <sup>1</sup>		Tuenia sp.	
n	%	n	%	n	%	n	%
positive	positive	positive	positive	positive	positive	positive	positive
77	67.5	22	19.3	19	16.7	9	7.8

<sup>1</sup>Necator or Ancylostoma infections were not differentiated.

FIG. 5